ELSEVIER

European Journal of Operational Research 137 (2002) 688–690

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH

www.elsevier.com/locate/dsw

Contents Volume 137

1 Multi-objective meta-heuristics: An overview of the current state-of-the-art
D.F. Jones, S.K. Mirrazavi and M. Tamiz

10 Impacts of random noise and specification on estimates of capacity derived from data envelopment analysis
D.S. Holland and S.T. Lee

22 Dealing with interval scale data in data envelopment analysis
M. Halme, T. Joro and M. Koivu

28 Multiobjective programming under *d*-invexity
T. Antczak

37 Preemptive Hybrid Flowshop Scheduling problem of interval orders
H. Djellab and K. Djellab

50 Genetic local search for multi-objective combinatorial optimization
A. Jaszkiewicz

72 Mathematical programming for network revenue management revisited
S.V. de Boer, R. Freling and N. Piersma

93 Fuzzy versions of the covering circle problem
L. Li, S.N. Kabadi and K.P.K. Nair

110 Robust estimation of priorities in the AHP
S. Lipovetsky and W.M. Conklin

123 Sequential incorporation of imprecise information in multiple criteria decision processes
A.M. Mármol, J. Puerto and F.R. Fernández

134 Group decision making in a multiple criteria environment: A case using the AHP in software selection
V.S. Lai, B.K. Wong and W. Cheung

145 Using fuzzy measures and habitual domains to analyze the public attitude and apply to the gas taxi policy
T.-Y. Chen, H.-L. Chang and G.-H. Tzeng

162 Salespeople's management of customer information: Impact on optimal territory and sales force sizes
R.Y. Darmon

177 Estimating output allocative efficiency and productivity change: Application to Japanese banks
H. Fukuyama and W.L. Weber

191 The allocative efficiency measure by means of a distance function: The case of Spanish public railways
J. Baños-Pino, V. Fernández-Blanco and A. Rodríguez-Álvarez

206 Investment decisions in the theory of finance: Some antinomies and inconsistencies
C.A. Magni

218 Benchmark selection: An axiomatic approach
J.L. Hougaard and M. Tvede

229 Erratum to: "A continuous model for production–distribution system design problem" [EJOR 129 (2) (2001) 287–298]
A. Dasci and V. Verter
231 Editorial: Graphs and Scheduling (ECCO XII)
S. Martello and J.-F. Maurras
233 The periodic vehicle routing problem with intermediate facilities
E. Angelelli and M.G. Speranza
248 Linear and quadratic algorithms for scheduling chains and opposite chains
J. Blaewicz and Z. Liu
265 On the flow cost lowering problem
I. Demgensky, H. Noltemeier and H.-C. Wirth
272 One-pass heuristics for large-scale unconstrained binary quadratic problems
F. Glover, B. Alidaee, C. Rego and G. Kochenberger
288 Tabu list management methods for a discrete–continuous scheduling problem
J. Józefowska, G. Waligóra and J. Węglarz
303 Fast fully polynomial approximation schemes for minimizing completion time variance
W. Kubiak, J. Cheng and M.Y. Kovalyov
310 On the linear description of the 3-cycle polytope
V.H. Nguyen and J.-F. Maurras
326 Quasi-star-cutsets and some consequences
A. Zemirline
336 Hub location at Digital Equipment Corporation: A comprehensive analysis of qualitative and quantitative factors
J. Sarkis and R.P. Sundarraj
348 A parametric analysis of heuristics for the vehicle routing problem with side-constraints
A. Van Breedam
371 Network cost minimization using threshold-based discounting
H. Podnar, J. Skorin-Kapov and D. Skorin-Kapov
387 A note on optimal allocation of work in stochastic assembly systems
I. Rekhi, S. Chand and H. Moskowitz
394 A forward recursive algorithm for inventory lot-size models with power-form demand and shortages
H.-L. Yang, J.-T. Teng and M.-S. Chern
401 Cell formations in the uni-directional loop material handling environment
S.-D. Lee and C.-P. Chiang
421 An assessment of technical efficiency and cross-efficiency in Taiwan's electricity distribution sector
T.-y. Chen
434 Merger effect of two firms under network equilibrium
N. Matsubayashi, M. Umezawa, Y. Masuda and H. Nishino
448 Real world performance of choice-based conjoint models
M. Natter and M. Feurstein
459 Erratum to: "On the statistical foundations of non-linear utility theory: The case of status quo-dependent preferences" [European Journal of Operational Research 136 (2) (2002), pp. 449–465]
G. Geiger
461 Semidefinite programming
C. Helmberg
483 A clone-based graphical modeler and mathematical model generator for optimal production planning in process industries
M. Draman, İ.K. Altinel, N. Bajgoric, A.T. Ünal and B. Birgören

497 Inventory control of service parts in the final phase
R.H. Teunter and W.K. Klein Haneveld
512 Design and implementation of a course scheduling system using Tabu Search
R. Alvarez-Valdes, E. Crespo and J.M. Tamarit
524 Markov chain test for time dependence and homogeneity: An analytical and empirical evaluation
B. Tan and K. Yılmaz
544 An optimal statistical testing policy for software reliability demonstration of safety-critical systems
O. Tal, C. McCollin and A. Bendell
558 Nonlinear stochastic programming by Monte-Carlo estimators
L.L. Sakalauskas
574 A bivariate duration model for job mobility of two-earner households
J. van Ommeren, P. Rietveld and P. Nijkamp
588 Which four-part partition games are isomorphic to Silverman's game?
G.A. Heuer
593 A two-queue and two-server model with a threshold-based control service policy
W. Feng, K. Adachi and M. Kowada
612 Entropy of discrete Choquet capacities
J.-L. Marichal
625 Ordinal judgments in multiattribute decision analysis
H.M. Moshkovich, A.I. Mechitov and D.L. Olson
642 Quality function deployment for the good of soccer
F.Y. Partovi and R.A. Corredoira
657 Optimal bidding and contracting strategies for capital-intensive goods
D.J. Wu, P.R. Kleindorfer and J.E. Zhang
677 Operational planning of district heating and cooling plants through genetic algorithms for mixed 0–1 linear programming
M. Sakawa, K. Kato and S. Ushiro
688 Contents Volume 137